Metaserver New Independent Claims

1. A data processing system, comprising:

a plurality of event modules each including code that generates an event data signal representative of a particular event;

a plurality of scripts each having a plurality of instructions;

a plurality of processing modules distributed over said data processing system each including code that provides processed data; and

a task module, selectively communicating with each of said plurality of event modules and said plurality of distributed processing modules, said task module including code for selecting and instantiating one of said plurality of scripts that corresponds to said event data signal and for providing said instance of said selected script to one of said plurality of distributed processing modules for executing a current one of said plurality of instructions;

wherein during execution of said instance of said selected script said task module provides dynamic information regarding status of said distributed processing modules and said processed data to said instance of said selected script for incorporation therein, in response to said dynamic information and upon completion of said currently executing instruction, said task module and said plurality of distributed processing modules evaluate said dynamic information and selectively provide said instance of said selected script to one of said distributed processing modules for executing a next instruction within said instance of said selected script.

33 + 2.

2. A data processing system, comprising:

a plurality of event modules each including code that generates an event data signal representative of a particular event;

a plurality of scripts each having a plurality of instructions;

a plurality of processing modules distributed over said data processing system each including code for performing data processing functionality to provide processed data;

a task module, selectively communicating with each of said plurality of event modules and said plurality of distributed processing modules, said task module including code for selecting and instantiating one of said plurality of scripts that corresponds to said event data signal and for selectively providing said instance of said selected script to one of said distributed processing modules for executing an instruction within said instance of said selected script; and

a resource management module communicating with each of said plurality of event modules, said task module and said plurality of distributed processing modules, said resource management module including code for monitoring event data signals generated by said plurality of event modules and not processed by said task module and a number of said plurality of distributed processing modules available for performing particular data processing functionality, and for converting data processing functionality of said plurality of distributed processing modules in response to dynamic information regarding said monitored event data signals and said number of available distributed processing modules to maximize a number of said distributed processing modules processing said event data signals.

3. A data processing system, comprising:

a plurality of event modules each including code that generates an event data signal representative of a particular event;

a plurality of scripts each having a plurality of instructions;

a plurality of processing modules distributed over said data processing system each including code for performing data processing functionality to provide processed data;

a task module, selectively communicating with each of said plurality of event modules and said plurality of distributed processing modules, said task module including code for selecting and instantiating one of said plurality of scripts that corresponds to said event data signal and, during execution of said instance of said selected script, for providing dynamic information regarding status of said distributed processing modules and said processed data to said instance of said selected script for incorporation therein and, in response to said dynamic information, for selectively providing said instance of said selected script to one of said distributed processing modules for executing an instruction within said instance of said selected script; and

a resource management module communicating with each of said plurality of event modules, said task module and said plurality of distributed processing modules, said resource management module including code for monitoring event data signals generated by said plurality of event modules and not processed by said task module and a number of said plurality of distributed processing modules available for performing particular data processing functionality, and for converting data processing functionality of said plurality of distributed processing modules in response to dynamic information regarding said monitored event data signals and said number

of available distributed processing modules to maximize a number of said distributed processing modules processing said event data signals.

Metaserver - Support for Claim Amendments

Date: 7/23/01

	Text of Claim	Support in Application
1.	A data processing system, comprising:	
	a plurality of event modules each including code that generates an event data signal representative of a particular event;	P18, L3-4
	a plurality of scripts each having a plurality of instructions;	P12, L16-17
	a plurality of processing modules distributed over said data processing system ...	P39, L17-23 and P19, L1-7
	... each including code that provides processed data; and	P18, L24 to P19, L1
	a task module, selectively communicating with each of said plurality of event modules and said plurality of distributed processing modules, ...	P13, L22-25
	... said task module including code for selecting and instantiating one of said plurality of scripts that corresponds to said event data signal ...	P30, L8-16
	... and for providing said instance of said selected script to one of said plurality of distributed processing modules for executing a current one of said plurality of instructions;	P37, L13-23
	wherein during execution of said instance of said selected script said task module provides dynamic information regarding status of said distributed processing modules and said processed data to said instance of said selected script for incorporation therein, ...	P13, L4-9 and P31, L6-11
	... in response to said dynamic information and upon completion of said currently executing instruction, said task module and said plurality of distributed processing modules evaluate said dynamic information and selectively provide said instance of said selected script to one of said distributed processing modules for executing a next instruction within said instance of said selected script.	P37, L10 to P38, L5

P31-37

Metaserver - Support for Claim Amendments

Date: 7/23/01

	Text of Claim	Support in Application
2.	A data processing system, comprising:	
	a plurality of event modules each including code that generates an event data signal representative of a particular event;	P18, L3-4
	a plurality of scripts each having a plurality of instructions;	P12, L16-17
	a plurality of processing modules distributed over said data processing system ...	P39, L17-23 and P19, L1-7
	... each including code for performing data processing functionality to provide processed data;	P18, L24 to P19, L1
	a task module, selectively communicating with each of said plurality of event modules and said plurality of distributed processing modules, ...	P13, L22-25
	... said task module including code for selecting and instantiating one of said plurality of scripts that corresponds to said event data signal ...	P30, L8-16
	... and for selectively providing said instance of said selected script to one of said distributed processing modules for executing an instruction within said instance of said selected script; and	P37, L10 to P38, L5
	a resource management module communicating with each of said plurality of event modules, said task module and said plurality of distributed processing modules, ...	P26, L17-23
	... said resource management module including code for monitoring event data signals generated by said plurality of event modules and not processed by said task module and a number of said plurality of distributed processing modules available for performing particular data processing functionality, and ...	P26, L24 to P27, L2
	... for converting data processing functionality of said plurality of distributed modules in response to dynamic information regarding said monitored event data signals and said number of available distributed processing modules to maximize a number of said distributed processing modules processing said event data signals.	P27, L2-13

Metaserver - Support for Claim Amendments

Date: 7/23/01

	Text of Claim	Support in Application
3.	A data processing system, comprising:	
	a plurality of event modules each including code that generates an event data signal representative of a particular event;	P18, L3-4
	a plurality of scripts each having a plurality of instructions;	P12, L16-17
	a plurality of processing modules distributed over said data processing system ...	P39, L17-23 and P19, L1-7
	... each including code for performing data processing functionality to provide processed data;	P18, L24 to P19, L1
	a task module, selectively communicating with each of said plurality of event modules and said plurality of distributed processing modules, ...	P13, L22-25
	... said task module including code for selecting and instantiating one of said plurality of scripts that corresponds to said event data signal and, ...	P30, L8-16
	... during execution of said instance of said selected script, for providing dynamic information regarding status of said distributed processing modules and said processed data to said instance of said selected script for incorporation therein and, ...	P13, L4-9 and P31, L6-11
	... in response to said dynamic information, for selectively providing said instance of said selected script to one of said distributed processing modules for executing an instruction within said instance of said selected script; and	P37, L10 to P38, L5
	a resource management module communicating with each of said plurality of event modules, said task module and said plurality of distributed processing modules, ...	P26, L17-23
	... said resource management module including code for monitoring event data signals generated by said plurality of event modules and not processed by said task module and a number of said plurality of distributed processing modules available for performing particular data processing functionality, and ...	P26, L24 to P27, L2
	... for converting data processing functionality of said plurality of distributed modules in response to dynamic information regarding said monitored event data signals and said number of available distributed processing modules to maximize a number of said distributed processing modules processing said event data signals.	P27, L2-13